

What is Claimed Is:

1. A massaging ergonomic support mountable on various seat frames

5 characterized in that:

a static portion (52) having anchors and mounts, said mounts being adaptable to fix said static portion to a seat frame;

an active portion (54) operatively engaged with said anchors of said static portion such that said active portion can move in and out of a plane defined by the frame of the seat,  
10 and said active portion having a pressure surface with a base level, said base level having integral convexities, said integral convexities adapted to impart a tactile effect upon a seat occupant as said active portion moves in or out of the plane defined by the frame of the seat;  
and

at least one actuator, said actuator engaging the active portion by only an actuating  
15 linkage (60).

2. The massaging ergonomic support for a seat of a claim 1, further comprising at least one second actuator and at least one second actuating linkage (58), each actuator engaging the active portion by only one linkage, one of said actuators actuating in and out motion of said active portion and the other of said actuators actuating up and down motion of  
20 said active portion.

3. The massaging ergonomic support of claim 1, wherein said actuating linkage is a Bowden cable (60).

4. The massaging ergonomic support of claim 1, wherein said active portion is an arching pressure surface.

25 5. (Cancelled)

6. (Cancelled)

7. (Cancelled)

8. The massaging ergonomic support of claim 1, wherein said arching pressure surface is stamped metal.

9. The massaging ergonomic support of claim 1, wherein said arching pressure surface is molded plastic.

10. The massaging ergonomic support of claim 1, wherein said at least one actuator is driven by an electric motor.

11. The massaging ergonomic support of claim 1, wherein said base level of said active portion is smooth, and further comprising separately manufactured convexities that are attached to said base level.

12. The massaging ergonomic support of claim 1 further characterized in that: said static portions are at least two guide rods (52), said guide rods having mounts adaptable to mount said guide rods on a frame of a seat;

said pressure surface also having upper and lower rod mounts, said rod mounts engaging said guide rods and at least one said upper or lower rod mounts being slideable along said guide rods;

a traction cable (60) having a sleeve and a wire disposed to slide axially through said sleeve, said sleeve having a first end engaging an upper portion or a lower portion of said pressure surface and said wire having a first end engaging the other of said upper portion or said lower portion of said pressure surface; and

an actuator operatively engaged with a second end of said sleeve and a second end of said wire of said traction cable such that said actuator applies or releases traction to said pressure surface via said traction cable;

wherein application of said traction arches said pressure surface outward from a plane defined by guide rods.

13. (New) The massaging ergonomic support of claim 1, wherein said convexities are semi-cylindrical projections
14. (New) The massaging ergonomic support of claim 1, wherein said convexities are semi-hemispherical projections.
- 5 15. (New) The massaging ergonomic support of claim 1, wherein said convexities have an amplitude and frequency of 3-15 millimeters.